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// mListen.js.txt
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function sendFormMsg()
{
    var fieldValue = "";
    var fieldName = "";
    var outName = "";
    var msgIndex = 0;
    for (var i=0;i < acts.length;i++)
    {
        var c = acts.charAt(i);
        if (c != "z")
        {
            fieldName = document.forms[0].elements[i].name;
            fieldValue = document.forms[0].elements[i].value;
            outName = msgOutNames[msgIndex++];
            alert("got to sendFormMsg " + outName + " " + fieldValue);
        }
    }
}

function msgListen(theMsg)
{
    var theInputString = "" + theMsg;
    var beginFieldMsgLength = 0;
    var theNameMsgLength = 0;
    var nameBeginIndex = 0;
    var fieldValue = "";
    var fieldName = "";
    var thisField = "";
    while (theNameMsgLength != -1)
    {
        theFieldMsgLength = theInputString.indexOf('|',beginFieldMsgLength+1);
        if (theFieldMsgLength == -1) theFieldMsgLength = theInputString.length; // last field in message
        thisField = theInputString.substr(beginFieldMsgLength,theFieldMsgLength);
        theNameMsgLength = thisField.indexOf("=");
        if (theNameMsgLength > 0)
        {
            theNameMsgLength = theNameMsgLength - nameBeginIndex;
            fieldName = thisField.substr(nameBeginIndex,theNameMsgLength);
            fieldName = trim(fieldName);
            fieldValue = thisField.substr(theNameMsgLength+nameBeginIndex+1,theFieldMsgLength);
            if (eval("self.document.forms[0]."+ fieldName))
            {
                eval("self.document.forms[0]."+ fieldName + ".value = fieldValue");
                //document.forms[0].submit();
            }
        }
        beginFieldMsgLength = theFieldMsgLength;
        nameBeginIndex = 1; // after the first field need to remove "|" delimiter at the beginning of each name
    }
}

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}
function trim(inputString) {
    // Removes leading and trailing spaces from the passed string. Also removes
    // consecutive spaces and replaces it with one space. If something besides
    // a string is passed in (null, custom object, etc.) then return the input.
    if (typeof inputString != "string") { return inputString; }
    var retValue = inputString;
    var ch = retValue.substring(0, 1);
    while (ch == " ") { // Check for spaces at the beginning of the string
        retValue = retValue.substring(1, retValue.length);
        ch = retValue.substring(0, 1);
    }
    ch = retValue.substring(retValue.length-1, retValue.length);
    while (ch == " ") { // Check for spaces at the end of the string
        retValue = retValue.substring(0, retValue.length-1);
        ch = retValue.substring(retValue.length-1, retValue.length);
    }
    while (retValue.indexOf(" ") != -1) { // Note that there are two spaces in the string - look for multiple spaces within
the string
        retValue = retValue.substring(0, retValue.indexOf(" ")) + retValue.substring(retValue.indexOf(" ")+1,
retValue.length); // Again, there are two spaces in each of the strings
    }
    return retValue; // Return the trimmed string back to the user
} // Ends the "trim" function
// mPortlet.html.txt
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<HTML>
<SCRIPT LANGUAGE="javascript">
maxFrames = 10;
function makeFrameArray( size )
{
    this.length = size;
    for (var i = 1; i <= size; i++)
        this[i] = null;
    return this;
}
var myframes = new makeFrameArray(maxFrames);
function showAlert(){
    alert("Executing from test.js");
}
function registerListener(theFrameName)
{
    for (var i = 1; i <= myframes.length; i++)
    {
        if (myframes[i] == null)
        {
            myframes[i] = theFrameName;
            i = 1000;
        }
    }
}

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//var winalert =  
window.open("", "TestWindow", "directores=no,location=no,menubar=no,status=no,titlebar=no,toolbar=no,width=400,height=150,resizeable=no");  
//winalert.document.write("<head><title>mPortlets Messages</title></head><b>Register Frame as: </b>" +  
theFrameName + " </HTML>");  
}  
function sendMsg(theMsg)  
{  
  // alert(theMsg);  
  for (var i = 1; i <= myframes.length; i++)  
  {  
    if (myframes[i] != null)  
    {  
      theFrame = "parent." + myframes[i] + ".msgListen(theMsg)";  
      // alert(theFrame);  
      eval(theFrame);  
    }  
  }  
}  
</script>  
</html>
```